ALI MOHAMED

Junior .NET Developer | Full Stack Developer | Problem Solver

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Experience ───

Full Stack Developer at ISG (October 2024 – Present)

Full Stack Developer with hands-on experience at ISG since October 2024, collaborating closely with Team Leads, QA Testers, and Flutter developers to design, develop, and deploy web and mobile applications across multiple domains. Skilled in both front-end and back-end technologies, including Angular, Flutter, and ASP.NET Core, with strong expertise in modern software architecture, database design, API development, and real-time communication. Adept at delivering saleable, maintainable, and high-performance solutions in agile environments, leveraging best practices such as DDD, Role & Permission-Based Authorization, Background Jobs, and Deodorized deployments with CI/CD pipelines.

Skills ───

Back-End   .NET Core, C#, ASP.NET Core MVC, Web API, EF Core, LINQ, RESTful APIs, ABP Framework ,Dapper , ADO.NET

Front-End   Angular, HTML, CSS, JavaScript, TypeScript,bootstrap

Database   SQL Server, PostgreSQL

Real-Time   SignalR, Firebase Cloud Messaging (FCM)

Design & Architecture   Design Patterns, MVC Architecture,Clean Architecture, Onion Architecture,DDD

Other Skills: JWT Authentication, Role & Permission-Based Authorization, Problem Solving, Async Programming, Docker, Cloud Deployment (Railway, Vercel, AWS, Azure, VPS)

Projects ───

Scola – School Management System   [October 2024 - Present]

Developed Scola, a modular multi-school management system using ASP.NET Core (DDD) with an advanced role & permission architecture. Optimized system performance through N+1 query fixes, caching strategies, and asynchronous operations. Integrated real-time communication using Firebase (FCM & Firestore) for user-to-user and group messaging. Built interactive Angular dashboards and Flutter mobile applications. Utilized background jobs to process and import large school Excel files without affecting API performance. Implemented a robust and scalable database layer using SQL Server and PostgreSQL. Successfully deployed and configured the full system on a VPS server, handling environment setup, security hardening, and production optimization.

FE , BE

The Progress – Learning Progress Tracker   [August 2025 - October 2025]

Developed a Course Management and Learning Progress Platform supporting Students, Teachers, and Admin roles. Implemented ASP.NET Core Web API using Domain-Driven Design (DDD) with SinglR for real-time progress tracking. Optimized system performance through caching, N+1 query fixes, and asynchronous operations. Built Angular dashboards and Flutter mobile applications. Leveraged background jobs for bulk assignment imports and scheduled notifications. Secured the system with JWT authentication and role-based access. Maintained a saleable database using SQL Server and PostgreSQL. Deployed the system using Docker containers with automated CI/CD pipelines through GitHub Actions.

FE , BE

ST-PHARMCY – Pharmacy Management SaaS   [October 2025 - Present]

Developed a saleable Sass Pharmacy Management Platform supporting multiple user roles: Pharmacy Owners, Pharmacists, Suppliers, and Customers. Implemented ASP.NET Core Web API with Domain-Driven Design (DDD) and Factory Design Pattern. Built personalized Angular dashboards for each user role, enabling management of inventory, sales, purchases, and staff. Optimized performance with async operations, caching, and query optimization. Secured the system with JWT Authentication and role-based access, leveraging Clean Architecture for maintainable and saleable code.

ERP System [Internship 3 moth 2024]

Developed a Business Management System (ERP) using ASP.NET Core MVC to manage sales, inventory, HR, accounting, and production. Implemented Role & Permission-Based Authorization with Identity, optimized database operations with EF Core and LINQ, and designed a maintainable, modular architecture using dependency injection and async programming. Delivered secure, responsive dashboards for different user roles, ensuring efficient business process management.

[MVC](#)

Education

Al-Azhar University – Cairo,

Egypt Bachelor's in Systems and Computer Engineering

Graduated :2025

Languages

Arabic : Mother Tongue

English Good